



# FortiAP-S and FortiAP-W2 Release Notes

VERSION 6.0.1

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June 26, 2018

FortiAP-S and FortiAP-W2 Release Notes

40-601-497418-20180626

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## Change log

Date	Change Description
June 26, 2018	Initial release.

# Introduction

This document provides the following information for FortiAP-S and FortiAP-W2 version 6.0.1, build 0033:

- [Supported models](#)
- [What's new in FortiAP-S and FortiAP-W2 6.0.1](#)
- [Upgrade information](#)
- [Product integration and support](#)
- [Resolved issues](#)
- [Known issues](#)

For more information on upgrading your FortiAP device, see the *FortiWiFi and FortiAP Configuration Guide* in the [Fortinet Document Library](#).

## Supported models

FortiAP-S and FortiAP-W2 version 6.0.1 support the following models:

<b>FortiAP-S</b>	FAP-S221E, FAP-S223E, FAP-S311C, FAP-S313C, FAP-S321C, FAP-S321CR, FAP-S322C, FAP-S322CR, FAP-S323C, FAP-S323CR, FAP-S421E, FAP-S422E, FAP-S423E
<b>FortiAP-W2</b>	FAP-221E, FAP-222E, FAP-223E, FAP-224E, FAP-421E, FAP-423E



FortiAP-W2 models don't have UTM functionality.

## What's new in FortiAP-S and FortiAP-W2 6.0.1

The following is a list of new features and enhancements in FortiAP-S and FortiAP-W2 version 6.0.1:

- Support for mesh link setup on local standalone SSID configured by FortiCloud
- Added a new CLI setting, `MESH_ETH_BRIDGE_VLANS`, for mesh-leaf FortiAP (`MESH_AP_TYPE=1`) with Mesh-Ethernet bridge enabled (`MESH_ETH_BRIDGE=1`). This setting configures VLAN IDs for Ethernet traffic. For example, enter the following commands from the mesh-leaf FortiAP CLI:  

```
cfg -a MESH_ETH_BRIDGE_VLANS=100,200,300
cfg -c
```
- Support for LED blink control of managed FortiAPs through the web UI on FortiGate models running FortiOS version 6.0.1
- Support for Receiver Start of Packet Detection Threshold (RX-SOP)

- Support for band steering (frequency handoff) on local standalone SSID operating on both 2.4GHz and 5GHz radios of the same FortiAP device
- WiFi region and country code adjustments
  - Channels 149, 153, 157, 161, and 165 removed from region "Y" (Egypt)
- Support for second generation FortiAP-221E and FortiAP-223E models. For more information, see [Downgrading to previous firmware versions](#)
- Bluetooth low energy (BLE) profile support on second generation FortiAP-221E and FortiAP-223E models configured by FortiGate models running FortiOS version 6.0.2

# Upgrade information

## Upgrading from previous firmware versions

FortiAP-S and FortiAP-W2 6.0.1 support upgrading from FortiAP-S and FortiAP-W2 6.0.0.

## Downgrading to previous firmware versions

FortiAP-S and FortiAP-W2 6.0.1 support downgrading to FortiAP-S and FortiAP-W2 6.0.0.



The second generation of FortiAP-221E and FortiAP-223E models have firmware version 6.0.1 preinstalled and cannot be downgraded to 6.0.0, 5.6.2, or earlier versions.

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## Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

# Product integration and support

## FortiAP-S and FortiAP-W2 6.0.1 support

The following table lists product integration and support information for FortiAP-S and FortiAP-W2 version 6.0.1 .

### FortiAP-S and FortiAP-W2 6.0.1 support

Web browsers	<ul style="list-style-type: none"><li>• Microsoft Internet Explorer, version 11</li><li>• Mozilla Firefox, version 59</li><li>• Google Chrome, version 65</li><li>• Safari, version 9</li></ul> <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
FortiOS	6.0.1 and later



We recommend that FortiAP firmware versions match the respective FortiOS versions, when available.

Other variations of FortiOS and FortiAP versions may technically work for the lowest common feature set. However, if problems arise, our Fortinet Support team will ask you to match the versions before troubleshooting, according to our recommendation.



## Resolved issues

The following issues have been fixed in FortiAP-S and FortiAP-W2 version 6.0.1. For inquiries about a particular bug, please visit the [Fortinet Support](#) website.

Bug ID	Description
395861	Improved the accounting messages for WiFi clients associated with local standalone SSID using WPA2-Enterprise security and RADIUS authentication
421519	Fixed a bug that limited transmit power on FortiAP 5GHz radio, models 221E and 223E, operating on channels 36, 40, 44, and 48
441490	Fixed a bug that caused Internet access to fail for WiFi clients using captive portal SSID
464638 466504	Fixed multiple kernel panic issues on FortiAP-221E and FortiAP-223E
476743	Fixed a bug that prevented FortiAP models 221E, 223E, S221E, and S223E from suppressing Proxy ARP broadcast
472115	Fixed a bug that blocked Ethernet VLAN traffic from passing through Mesh-Ethernet bridge on mesh-leaf FortiAP, models 221E and 223E. <b>Note:</b> The VLAN IDs for Ethernet connections ( <code>MESH_ETH_BRIDGE_VLANS</code> ) should be preconfigured in the mesh-leaf FortiAP-221E or mesh-leaf FortiAP-223E to workaround this issue.
484307	Fixed a bug that blocked admin login to the FortiAP web UI when using Chrome v65 or later
486929	Added FortiAP Ethernet interface counters for REST API WTP on the FortiGate
489426	Added capability that permits FortiAP-S models to report FortiGuard contract information as well as UTM engine and database versions to FortiGate WiFi & Switch Controller
495112	Improved connectivity and stability of mesh setup

## Common vulnerabilities and exposures

FortiAP-S and FortiAP-W2 version 6.0.1 are no longer vulnerable to the following CVE Reference:

- 2017-6214

For more information, visit <https://fortiguard.com/psirt>.

## Known issues

The following issues have been identified in version FortiAP-S and FortiAP-W2 6.0.1. For inquiries about a particular bug or to report a bug, please visit the [Fortinet Support](#) website.

Bug ID	Description
276655	The USB port on all FortiAP-S and FortiAP-W2 models is disabled.
374645	FortiAP-S and FortiAP-W2 models don't support the spectrum-analysis feature.
475655	FortiAP-S and FortiAP-W2 models don't support extension information for WTP, VAP, and station statistics.



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